

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A polymer obtainable by free-radical polymerization of
 - a) 30 to 99% by weight of tert-butyl acrylate and/or tert-butyl methacrylate as monomer A,
 - b) 1 to 70% by weight of acrylic acid and/or methacrylic acid as monomer B and
 - c) ~~0 to~~ less than 5% by weight of a free-radically copolymerizable monomer or a free-radically copolymerizable monomer mixture as monomer C, where at least one of the monomers C produces a homopolymer with a glass transition temperature of less than 30°C,with the proviso that the % by weight add up to 100,
where the K value of the polymers is between 27 and 38, with the proviso that the polymerization is carried out in the presence of a regulator if the K value of the polymers is less than or equal to 35.
2. (Currently amended) The polymer according to claim 1, obtainable by free-radical polymerization of
 - a) 60 to 80% by weight of monomer A,
 - b) 20 to 40% by weight of monomer B and
 - c) ~~0 to~~ less than 5% by weight of monomer or monomer mixture C.
3. (Currently amended) The polymer according to ~~either or claims 1 and 2~~ claim 1, where the amount of monomer C is less than 3% by weight.
4. (Currently amended) The polymer according to ~~one of claims 1 to 3~~ claim 1, where the K value is in the range from 29 to 35.
5. (Currently amended) The polymer according to ~~one of claims 1 to 4~~ claim 1, where the K value is in the range from 30 to 34.

6. (Currently amended) The polymer according to ~~one of claims 1 to 5~~ claim 1, where the carboxylate groups are partially or completely neutralized.

7. (Currently amended) The polymer according to ~~one of claims 1 to 6~~ claim 1, where
monomer A is tert-butyl acrylate,
monomer B is methacrylic acid and
monomer C is ethyl acrylate.

8. (Currently amended) A process for the preparation of the polymers according to ~~one of claims 1 to 7~~ claim 1, which comprises free-radically polymerizing monomer A, monomer B and monomer or monomer mixture C, where the K value of the polymers is between 27 and 38, with the proviso that the polymerization is carried out in the presence of a regulator if the K value of the polymers is less than or equal to 35.

9. (Canceled)

10. (Canceled).

11. (Canceled)

12. (Currently amended) A film former comprising ~~at least one of the polymers according to one of claims 1 to 7~~ the polymer according to claim 1.

13. (Currently amended) A cosmetic preparation comprising ~~at least one of the polymers according to one of claims 1 to 7~~ the polymer according to claim 1.

14. (Currently amended) A preparation for oral care and dental care comprising ~~at least one of the polymers according to one of claims 1 to 7~~ the polymer according to claim 1.

15. (New) A hair cosmetic preparation comprising the polymer according to claim 1.

DISCUSSION OF THE AMENDMENTS

Claims 1-8 and 12-14 are currently amended.

Claims 9-11 are canceled without prejudice.

Claim 15 is new.

Upon entry of the amendments, claims 1-8 and 12-15 will be active.

The claims were amended to remove multiple dependencies.

New claim 15 is supported by claim 10 as originally presented.

No new matter has been added.